

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for supporting a slide presentation in a zoomable space, the method comprising:
  - recursively providing a structure of presentation information, the presentation information including one or more of slides, text labels, and graphical elements;
  - providing a hierarchy in the presentation information, the hierarchy including different levels;
  - analyzing the levels of the hierarchy and automatically laying out the presentation information in the zoomable space based on the levels of the hierarchy when the hierarchy is provided or in real time as the hierarchy is being provided;
  - automatically synchronizing a layout of the presentation information in the zoomable space based on the structure of the presentation information by providing a plurality of synchronizations through the presentation information and at different levels of a hierarchy in the presentation information.
2. (Previously Presented) The method according to claim 1, further comprising:
  - creating a path based on the hierarchy, the path being a sequence of the presentation information for the slide presentation;
  - receiving a modification in at least one of the hierarchy and the layout; and
  - updating the path based on the modification.
3. (Original) The method according to claim 1, wherein the structure of the presentation information is a hierarchy of the presentation information.
4. (Previously Presented) The method according to claim 1, further comprising displaying the presentation information based on a path.

5. (Previously Presented) The method according to claim 1, further comprising synchronizing a hierarchy and the layout based on the modification.

6. (Original) The method according to claim 1, wherein the presentation information is laid out in a format, the format including at least one of a circular format, an outline format, an arc format, a nested rectangular grouping, a network format, a rectangular format, and a line format.

7. (Previously Presented) The method according to claim 1, further comprising displaying a path.

8. (Original) The method according to claim 7, wherein the path is displayed using thumbnail images of the information.

9. (Previously Presented) The method according to claim 1, further comprising displaying an updated path.

10. (Original) The method according to claim 9, wherein the path is displayed using thumbnail images of the information.

11. (Original) The method according to claim 1, further comprising:  
taking a graphical image of a particular area of the zoomable space; and  
inserting the graphical image as presentation information in the path.

12. (Previously Presented) The method according to claim 1, further comprising allowing a user to navigate the presentation information in a direction in the zoomable space, the direction including navigating to at least one of a higher level of a hierarchy, a lower level of the hierarchy, and the presentation information in the same level of the hierarchy.

13. (Original) The method according to claim 12, further comprising at least one of:

displaying indicators on a current slide such that text labels and/or the slides near the current slide are indicated; and

displaying indications to indicate the level of hierarchy of the current slide.

14. (Original) The method according to claim 12, wherein the navigation includes going to a higher level in the hierarchy, a lower level in the hierarchy, another information in the same level of the hierarchy, and a root of the hierarchy.

15. (Original) The method according to claim 12, wherein the navigation includes zooming into and out from a particular area in the zoomable space.

16. (Currently Amended) A method for supporting a slide presentation in a zoomable space, the method comprising:

recursively providing a structure of presentation information, the presentation information including one or more of slides, text labels, and graphical elements;

providing a hierarchy of the presentation information, the hierarchy including different levels;

analyzing the levels of the hierarchy and automatically providing a layout of the presentation information in the zoomable space; space based on the levels of the hierarchy when the hierarchy is provided or in real time as the hierarchy is being provided;

providing a path based on the structure of the presentation information;

providing a plurality of synchronizations through the presentation information ~~and at different levels of a hierarchy in the presentation information;~~ and

automatically updating the path based on a modification upon receiving the modification in at least one of the structure of the presentation information and the layout.

17 (Currently Amended) A method for supporting a slide presentation in a zoomable space, the method comprising:

recursively providing a hierarchy of presentation information, the presentation information including one or more of slides, text labels, and graphical elements;

providing a hierarchy in the presentation information, the hierarchy including different levels;

analyzing the levels of the hierarchy and automatically providing a layout of the presentation information in the zoomable space based on the levels of the hierarchy;  
hierarchy when the hierarchy is provided or in real time as the hierarchy is being provided;

automatically providing a plurality of synchronizations through the presentation information and at different levels of a hierarchy in the presentation information;  
and

allowing a user to navigate the presentation information in a direction in the zoomable space, the direction including navigating to at least one of a higher level of the hierarchy, a lower level of the hierarchy, and the presentation information in the same level of the hierarchy.

18. (Currently Amended) A system for supporting a slide presentation in a zoomable space, comprising:

a structure construction circuit, routine or application that recursively provides a structure of presentation information, the presentation information including one or more of slides, text labels and graphical ~~elements;~~elements, and that provides a hierarchy in the presentation information, the hierarchy including different levels; and

a layout management circuit, routine or application that analyzes the levels of the hierarchy, automatically lays out the present information in the zoomable space based on the levels of the hierarchy when the hierarchy is provided or in real time as the hierarchy is being provided, synchronizes ~~a layout~~the layout of the presentation information in the zoomable space based on the structure of the presentation information and that provides a

plurality of synchronizations through the presentation information and at different levels of a hierarchy in the presentation information.

19. (Previously Presented) The system according to claim 18, further comprising:  
a path construction/update circuit, routine or application that creates a path based on the structure, the path being a sequence of the presentation information for the slide show, and automatically updates the path based on a modification in at least one of a hierarchy and the layout, received by a modification management circuit, routine or application.

20. (Original) The system according to claim 18, wherein the structure of the presentation information is a hierarchy of the presentation information.

21. (Previously Presented) The system according to claim 18, further comprising a slide show management circuit, routine or application that displays the presentation information based on a path.

22. (Original) The system according to claim 18, further comprising:  
a slide construction circuit, routine or application that allows the user to create the slides; and  
a text label creation circuit, routine or application that allow the user to create the text labels.

23. (Previously Presented) The system according to claim 18, wherein the modification management circuit, routine or application synchronizes a hierarchy and the layout based on a modification.

24. (Original) The system according to claim 18, wherein the layout management circuit, routine or application arranges the presentation information in a format that includes at least one of a circular format, an outline format, an arc format, a nested rectangular grouping, a network format, a rectangular format, and a line format.

25. (Previously Presented) The system according to claim 18, further comprising a path display circuit, routine or application that displays the path and an updated path.

26. (Original) The system according to claim 25, wherein the path display circuit, routine or application displays the path using thumbnail images of the information.

27. (Previously Presented) The system according to claim 19, wherein the path construction/update circuit, routine or application takes a graphical image of a particular area of the zoomable space and inserts the graphical image as presentation information in the path.

28. (Previously Presented) The system according to claim 18, further comprising a navigation circuit, routine or application that allows the user to navigate the presentation information in a direction in the zoomable space, the direction including navigating to at least one of a higher level of a hierarchy, a lower level of the hierarchy, and the presentation information in the same level of the hierarchy.

29. (Original) The system according to claim 28, wherein the navigation circuit, routine or application displays indicators of a current slide such that the text labels and/or the slides near the current slide are indicated, and displays indications to indicate the level of hierarchy of the current slide.

30. (Original) The system according to claim 28, wherein the navigation circuit, routine or application navigates the zoomable space by going to a higher level in the hierarchy, a lower level in the hierarchy, another information in the same level of the hierarchy, and a root of the hierarchy.

31. (Original) The system according to claim 28, wherein the navigation circuit, routine or application zooms into and out from a particular area in the zoomable space.

32. (Currently Amended) A system for supporting a slide show in a zoomable space, comprising:

a structure construction circuit, routine or application that recursively provides a structure of presentation information, the presentation information including one or more of slides, text labels and graphical ~~elements~~elements, and that provides a hierarchy of the presentation information, the hierarchy including different levels;

a layout management circuit, routine or application that analyzes the levels of the hierarchy and automatically provides a layout of the presentation information in the zoomable space; space based on the levels of the hierarchy when the hierarchy is provided or in real time as the hierarchy is being provided; and

a path construction/update circuit, routine or application that creates a path based on the structure of the presentation information and automatically updates the path based on a modification upon receiving the modification in at least one of the structure of the presentation information and the layout, and that provides a plurality of synchronizations through the presentation ~~information and at different levels of a hierarchy in the presentation~~ information.

33. (Currently Amended) A system for supporting a slide show in a zoomable space, comprising:

a structure construction circuit, routine or application that recursively provides a hierarchy of presentation information, the presentation information including one or more of slides, text labels and graphical ~~elements~~elements, the hierarchy including different levels;

a layout management circuit, routine or application that analyzes the levels of the hierarchy and automatically provides a layout ~~the layout~~ of the presentation information in the zoomable space based on the levels of the hierarchy; ~~hierarchy when the hierarchy is provided or in real time as the hierarchy is being provided,~~ and that automatically provides a plurality of synchronizations through the presentation ~~information and at different levels of a hierarchy in the presentation~~ information;

a navigation circuit, routine or application that allows a user to navigate the presentation information in a direction in the zoomable space, the direction including navigating to at least one of a higher level of the hierarchy, a lower level of the hierarchy, and the presentation information in the same level of the hierarchy.